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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/003468-Conf. #4328
				Filing Date	October 23, 2001
				First Named Inventor	Fatemeh MOJTABAII
				Art Unit	1631
				Examiner Name	M. C. Lee MORAN
Sheet	1	of	4	Attorney Docket Number	FMI-001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
MAY	A1*	US-4,489,133	12-18-1984	Kornberg	
MAY	A2*	US-5,044,308	09-03-1991	Mojtabai	
MAY	A3*	US-5,223,409	06/1993	Ladner et al.	
MAY	A4*	US-5,514,501	05-07-1996	Tarlov	
MAY	A5*	US-5,970,381	10-19-1999	Ohno et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
MAY	B1	EP-0431400-A1	06-12-1991	BASF AG	
MAY	B2	EP-0274824-B1	01-29-1992	Ribi, Hans O.	
MAY	B3	WO-95/09058-A2	04-06-1995	Technobiochip	
MAY	B4	WO-9610178-A1	04-04-1996	Pharmacia Biosensor AB	
MAY	B5	WO-00/04382-A1	01-27-2000	Zyomyz, Inc.	

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
MAY	C1	"The Shape Shifting Business," <i>Nature Biotechnology</i> , Vol. 18:905 (2000)			
	C2	Armann, Egon, et al., "Tightly Regulated lac Promoter Vectors Useful for the Expression of Unfused and Fused Proteins in <i>Escherichia coli</i> ," <i>Gene</i> , Vol. 69:301-315 (1988)			
	C3	Baldari, C., et al., "A Novel Leader Peptide Which Allows Efficient Secretion of a Fragment of Human Interleukin 1 β in <i>Saccharomyces cerevisiae</i> ," <i>The EMBO Journal</i> , Vol. 6(1):229-234 (1987)			
	C4	Bell, Christine M., et al., "Materials Chemistry of Organic Monolayer Thin Films," <i>Materials Chemistry: An Emerging Discipline</i> , pp. 211-230 (1995)			
	C5	Brisson, A., et al., "Quaternary Structure of the Acetylcholine Receptor," <i>Nature</i> , Vol. 315:474-477 (1985)			
	C6	Buck, Linda, et al., "A Novel Multigene Family May Encode Odorant Receptors: A Molecular Basis for Odor Recognition," <i>Cell</i> , Vol. 65:175-187 (1991)			
	C7	Burns, Mark A., et al., "An Integrated Nanoliter DNA Analysis Device," <i>Science</i> , Vol. 282:484-487 (1998)			
	C8	Cho, Charles Y., et al., "An Unnatural Biopolymer," <i>Science</i> , Vol. 261:1303-1305 (1993)			
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Sheet	2	of	4	Attorney Docket Number	FMI-001

<i>MM</i>	C11	Craven, Bryan M., "Crystal Structure of Cholesterol Monohydrate," <i>Nature</i> , Vol. 260:727-729 (1976)			
<i>MM</i>	C12	Cull, Millard G., et al., "Screening for Receptor Ligands Using Large Libraries of Peptides Linked to the C Terminus of the lac Repressor," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 89:1865-1869 (1992)			
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<i>MM</i>	C14	Darst, Seth A., et al., "Two-dimensional Crystals of Streptavidin on Biotinylated Lipid Layers and Their Interactions with Biotinylated Macromolecules," <i>Biophys. J.</i> , Vol. 59:387-396 (1991)			
	C15	Demel, R.A., et al., "Relation Between Various Phospholipase Actions on Human Red Cell Membranes and the Interfacial Phospholipid Pressure in Monolayers," <i>Biochimica et Biophysica Acta</i> , Vol. 406:97-107 (1975)			
	C16	Devlin, James J., et al., "Random Peptide Libraries: A Source of Specific Protein Binding Molecules," <i>Science</i> , Vol. 249:404-406 (1990)			
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	C18	Erb, Eric, et al., "Recursive Deconvolution of Combinatorial Chemical Libraries," <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 91:11422-11426 (1994)			
	C19	Felici, Franco, et al., "Selection of Antibody Ligands from a Large Library of Oligopeptides Expressed on a Multivalent Expression Vector," <i>J. Mol. Biol.</i> , Vol. 222:301-310 (1991)			
	C20	Fodor, Stephen P.A., et al., "Multiplexed Biochemical Assays with Biological Chips," <i>Nature</i> , Vol. 364:555-556 (1993)			
	C21	Frey, Terrence G., "Cytochrome c Oxidase: Structural Studies by Electron Microscopy of Two-Dimensional Crystals," <i>Microscopy Research and Technique</i> , Vol. 27:319-332 (1994)			
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	C24	Fuller, S.D., et al., "Structure of Cytochrome c Oxidase in Deoxycholate-derived Two-dimensional Crystals," <i>J. Mol. Biol.</i> , Vol. 134:305-327 (1979)			
	C25	Gallop, Mark A., et al., "Applications of Combinatorial Technologies in Drug Discovery. 1. Background and Peptide Combinatorial Libraries," <i>Journal of Medicinal Chemistry</i> , Vol. 37(9):1233-1251 (1994)			
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	C28	Glaeser, Robert M., "Electron Crystallography of Biological Macromolecules," <i>Ann. Rev. Phys. Chem.</i> , Vol. 36:243-75 (1985)			
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	C30	Goeddel, David V., "Systems for Heterologous Gene Expression," <i>Methods in Enzymology</i> , Vol. 185:3-7 (1990)			
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	C33	Henderson, R., et al., "Arrangement of Cytochrome Oxidase Molecules in Two-dimensional Vesicle Crystals," <i>J. Mol. Biol.</i> , Vol. 112:631-648 (1977)			
<i>MM</i>	C34	Hirai, Hisamaru, et al., "A Novel Putative Tyrosine Kinase Receptor Encoded by the eph			
Examiner Signature	<i>M. C. Lee MOLAN</i>		Date Considered	12/22/05	



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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M	Gene," <i>Science</i> , Vol. 238:1717-1720 (1987)
C35	Komberg, Roger D., et al., "Two-dimensional Crystals of Proteins on Lipid Layers," <i>Current Opinion in Structural Biology</i> , Vol. 1:642-646 (1991)
C36	Kühlbrandt, W., "Two-dimensional Crystallization of Membrane Proteins," <i>Quarterly Reviews of Biophysics</i> , Vol. 25(1):1-49 (1992)
C37	Kurjan, Janet, et al., "Structure of a Yeast Pheromone Gene (MFα): A Putative α-Factor Precursor Contains Four Tandem Copies of Mature α-Factor," <i>Cell</i> , Vol. 30:933-943 (1982)
C38	Lam, Kit S., "Application of Combinatorial Library Methods in Cancer Research and Drug Discovery," <i>Anti-Cancer Drug Design</i> , Vol. 12:145-167 (1997)
C39	Lam, Kit S., et al., "A new type of synthetic peptide library for identifying ligand-binding activity," <i>Nature</i> , Vol. 354:82-84 (1991)
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C41	Marx, Jean, et al., "Bad for the Heart, Bad for the Mind?" <i>Science</i> , Vol. 294:508-509 (2001)
C42	McConnell, Harden M., "Structures and Transitions in Lipid Monolayers at the Air-Water Interface," <i>Annu. Rev. Phys. Chem.</i> , Vol. 42:171-95 (1991)
C43	Mimms, Larry T., et al., "Phospholipid Vesicle Formation and Transmembrane Protein Incorporation Using Octyl Glucoside," <i>Biochemistry</i> , Vol. 20:833-840 (1981)
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C45	Newman, Richard H., "Two-dimensional Crystallization of Proteins on Lipid Monolayers," <i>Electron Microsc. Rev.</i> , Vol. 4:197-203 (1991)
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C49	Rein ten Wolde, Pieter, et al., "Enhancement of Protein Crystal Nucleation by Critical Density Fluctuations," <i>Science</i> , Vol. 277:1975-1978 (1997)
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C55	Shiar, Peter, et al., "Primary Structure of a Putative Receptor for a Ligand of the Insulin Family," <i>The Journal of Biological Chemistry</i> , Vol. 264(25):14605-14608 (1989)
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Sheet	4	of	4	Attorney Docket Number	FMI-001

<i>M. C. Lee Moran</i>	C58	Sonveaux, Nathalie, et al., "Secondary and Tertiary Structure Changes of Reconstituted P-glycoprotein," <i>The Journal of Biological Chemistry</i> , Vol. 271(40):24617-24624 (1996)	
	C59	Studier, F., William, et al., "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes," <i>Methods in Enzymology</i> , Vol. 185:60-89 (1990)	
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	C64	Verger, R., et al., "Spreading of Membranes at the Air/Water Interface," <i>Chemistry and Physics of Lipids</i> , Vol. 16:285-291 (1976)	
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